

Product name	Product group	Production location
Cottbus (B-Loch)	O4	Oberlausitz

The use of high-performing Oberlausitz clay with a high volume of schist ensures the production of extruded facing bricks with a very low water absorption rate. The final colour is obtained by firing te bricks till sintering temperature.


Colour
--------

Purple with shades of brown and blue-grey

Format
--------


Moulding method	Wirecut
RF: 250 x 120 x 65 mm	Between batches the average size and color may slightly differ.

Essential Characteristics - EN771-1
-------------------------------------

 2510-CPR-316		
Dimensional tolerances	Tm	
Range	R1	
Active Soluble Salts	S2	
Mean Compressive strength	$\geq 45 \text{ N/mm}^2$	Tested to the bed face
Normalized Compressive strength	$\geq 31 \text{ N/mm}^2$	Tested to the bed face
Dimensional stability	NPD	
Bond Strength general	$0,15 \text{ N/mm}^2$	
Bond Strength thin layer	$0,30 \text{ N/mm}^2$	
Reaction to fire	A1	Category
Water absorption	$\leq 6\% \text{ m/md}$	
Water vapour permeability	50/100	
Net dry density	NPD	
Gross dry density	$1700 \text{ kg/m}^3 \text{ (D2)}$	
Thermal conductivity Lambda 50/50	$\leq \text{NPD}$	
Durability against freeze thaw	F2	
Dangerous substances	NPD	According to Annex ZA 3

Other Characteristics
-----------------------

Initial rate of water absorption - Non-coated Bricks	NPD	Value according EN771-1:2011 - 5.3.8
Initial rate of water absorption - Coated bricks	NPD	Value according EN771-1:2011 - 5.3.8
Freeze/thaw resistance	NPD	B 27-009
Thermal conductivity Lambda 90/90	NPD	
Thermal conductivity Lambda Ui	NPD	
Thermal conductivity Lambda Ue	NPD	

	
Storage & handling	Cutting
<ul style="list-style-type: none"> <li>- Store packs on a clean surface and cover them</li> <li>- Process from multiple packs at the same time</li> <li>- Follow the Vandersanden processing guidelines</li> </ul>	Cutting with power tools may generate dust. This dust may contain silica or quartz particulate which may constitute a hazard. Persons undertaking work of this nature are advised to wear dust masks (FFP3).
<p>*All our Coated bricks are only coated on the facing sides. Coated products are specially labeled and recognisable with a "C" logo on the top left-hand side of the packaging. Always check if using coated or non-coated bricks. Match the mortar to the specified initial water absorption.</p>	